Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101015\
Data File : BG019104.D
Acq On : 10 Oct 2015 6:42
Operator : UM/NP
Sample : PB85924BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB85924BS

Manual Integrations APPROVED
MMdadoda
10/12/2015 7:00:47 PM

Quant Time: Oct 12 05:19:21 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Oct 10 07:04:31 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	18919	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	85127	20.00	ng		0.00
38) Acenaphthene-d10	14.66	164	58180	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	152171	20.00	ng		0.00
75) Chrysene-d12	21.68	240	189935	20.00	ng		0.00
86) Perylene-d12	24.91	264	179531	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	128919	138.74	ng		0.00
7) Phenol-d6	7.20	99	196403	137.59	ng		0.00
23) Nitrobenzene-d5	9.19	82	130229	84.53	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	106785	134.69	ng		0.00
44) 2-Fluorobiphenyl	13.28	172	310113	81.96	ng		0.00
78) Terphenyl-d14	20.02	244	632748	88.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.51	88	12384	31.69	ng		96
3) Pyridine	3.90	79	39398	32.97	ng		95
4) n-Nitrosodimethylamine	3.81	42	25597	37.78	ng		92
6) Aniline	7.36	93	55391	28.66	ng		97
8) 2-Chlorophenol	7.60	128	51265	43.97	ng		97
9) Benzaldehyde	7.17	77	11089	12.33	ng		96
10) Phenol	7.23	94	67106	45.15	ng		99
11) bis(2-Chloroethyl)ether	7.45	93	47155	41.98	ng		99
12) 1,3-Dichlorobenzene	7.92	146	50825	39.93	ng		95
13) 1,4-Dichlorobenzene	8.07	146	52855	40.58	ng		98
14) 1,2-Dichlorobenzene	8.39	146	50313	39.92	ng		98
15) Benzyl Alcohol	8.27	79	54021	42.35	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.57	45	100044	41.59	ng		99
17) 2-Methylphenol	8.47	107	47580	44.82	ng		99
18) Hexachloroethane	9.12	117	19596	39.48	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	42233	37.29	ng		98
20) 3+4-Methylphenols	8.80	107	66146	43.26	ng		97
22) Acetophenone	8.85	105	79643	40.01	ng	#	99
24) Nitrobenzene	9.24	77	65338	39.97	ng		98
25) Isophorone	9.76	82	121149	38.65	ng		99
26) 2-Nitrophenol	9.95	139	28300	40.61	ng		97
27) 2,4-Dimethylphenol	10.01	122	53618	44.02	ng		95
28) bis(2-Chloroethoxy)methane	10.24	93	66790	39.94	ng		98
29) 2,4-Dichlorophenol	10.48	162	56392	44.17	ng		98
30) 1,2,4-Trichlorobenzene	10.70	180	53210	38.83	ng		95
31) Naphthalene	10.89	128	162425	39.65	ng		99
32) Benzoic acid	10.14	122	27761	38.54	ng		86
33) 4-Chloroaniline	10.99	127	41979	22.05	ng		98
34) Hexachlorobutadiene	11.17	225	36243	38.57	ng		95
35) Caprolactam	11.76	113	20832m	44.29	ng		
36) 4-Chloro-3-methylphenol	12.11	107	69189	42.63	ng		97
37) 2-Methylnaphthalene	12.49	142	126789	39.83	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	68673	41.07	ng		99
40) Hexachlorocyclopentadiene	12.84	237	83338	95.81	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	48627	41.77	ng		94
43) 2,4,5-Trichlorophenol	13.17	196	55038	44.49	ng		97
45) 1,1'-Biphenyl	13.50	154	170847	40.43	ng		99
46) 2-Chloronaphthalene	13.54	162	133655	41.11	ng		97
47) 2-Nitroaniline	13.74	65	55033	42.16	ng		93
48) Acenaphthylene	14.38	152	229375	40.01	ng		99
49) Dimethylphthalate	14.11	163	190837	41.53	ng		100
50) 2,6-Dinitrotoluene	14.23	165	42224	43.01	ng		94
51) Acenaphthene	14.73	154	140179	40.66	ng		97
52) 3-Nitroaniline	14.56	138	31354	28.95	ng	#	98
53) 2,4-Dinitrophenol	14.76	184	50152	84.62	ng		92
54) Dibenzofuran	15.06	168	221286	43.44	ng		96
55) 4-Nitrophenol	14.88	139	78476	95.73	ng		98
56) 2,4-Dinitrotoluene	15.02	165	64639	45.29	ng		96
57) Fluorene	15.71	166	188434	42.64	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.29	232	55521	47.41	ng		99
59) Diethylphthalate	15.48	149	203957	42.73	ng		99
60) 4-Chlorophenyl-phenylether	15.70	204	94997	42.19	ng		99
61) 4-Nitroaniline	15.73	138	49758	42.27	ng		91
62) Azobenzene	15.99	77	194256	43.89	ng		99
64) 4,6-Dinitro-2-methylphenol	15.78	198	38446	46.27	ng		99
65) n-Nitrosodiphenylamine	15.92	169	171581	40.80	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	66519	43.02	ng		98
67) Hexachlorobenzene	16.71	284	76680	42.22	ng		99
68) Atrazine	16.86	200	78511	45.33	ng		98
69) Pentachlorophenol	17.06	266	91598	96.75	ng		96
70) Phenanthrene	17.45	178	335879	42.89	ng		99
71) Anthracene	17.54	178	343588	43.86	ng		98
72) Carbazole	17.81	167	323784	44.16	ng		98
73) Di-n-butylphthalate	18.37	149	397494	44.26	ng		99
74) Fluoranthene	19.46	202	449626	44.62	ng		100
76) Benzidine	19.64	184	143823	29.51	ng		98
77) Pyrene	19.82	202	462688	43.50	ng		99
79) Butylbenzylphthalate	20.71	149	185307	42.76	ng		99
80) Benzo(a)anthracene	21.66	228	438092	43.03	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	102954	27.34	ng		97
82) Chrysene	21.73	228	396822	41.06	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	255990	42.53	ng		100
84) Di-n-octyl phthalate	22.80	149	436206	41.95	ng		100
85) Indeno(1,2,3-cd)pyrene	28.59	276	486069	41.33	ng	#	94
87) Benzo(b)fluoranthene	23.88	252	429558	44.50	ng		99
88) Benzo(k)fluoranthene	23.95	252	418261	43.89	ng		99
89) Benzo(a)pyrene	24.76	252	413077	45.30	ng		98
90) Dibenzo(a,h)anthracene	28.66	278	426709	43.58	ng		98
91) Benzo(g,h,i)perylene	29.75	276	400083	43.94	ng		97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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